

OPEN FEEDLOT MANAGEMENT

Options for Total Waste Containment



United States Department of Agriculture
Natural Resources Conservation Service



Option 1

STEEL ROOFED BARN



Option 1

MONOSLOPE BUILDINGS



A-FRAMES



STEEL ROOFED BARN

STEEL ROOFED BARN

Characteristics

- Monoslopes have a sloped roof or truss



STEEL ROOFED BARN

Characteristics

- A-Frames have two sloping sides for equal water runoff



STEEL ROOFED BARN

Characteristics

- Typically include three or more pens



STEEL ROOFED BARN

Characteristics

- Concrete walls and floors



STEEL ROOFED BARNS

Characteristics

- Contained manure storage area



STEEL ROOFED BARN

Characteristics

- Contained manure storage area



STEEL ROOFED BARN

Characteristics

- Bedding for livestock



STEEL ROOFED BARN

Characteristics

- Retractable curtains



STEEL ROOFED BARN

Characteristics

- Feeding area



STEEL ROOFED BARN

Characteristics

- Feeding area



Option 2

HOOP BUILDINGS



Option 2

HOOP BUILDINGS



HOOP BUILDINGS

Characteristics

- Similar to monoslopes, but with a rounded polyethylene cover



HOOP BUILDINGS

Characteristics

- Typically narrower than steel roofed barns and allow more light



Option 3

SLOTTED FLOOR – DEEP MANURE PIT

- Typically thought of for hog confinements, but works for beef and dairy, too.



Option 3

SLOTTED FLOOR – DEEP MANURE PIT



COMPARISONS

	Monoslopes/ A-Frames	Hoop Buildings	Slotted Floors/ Deep Manure Pit
Environmental Protection	Excellent	Excellent	Good
Manure Management	Excellent	Excellent	Excellent
Animal Health/ Production	Good	Good	Good
Weather Protection	Excellent	Excellent	Excellent
Initial Cost	Fair	Good	Fair
Durability/ Maintenance	Excellent	Good	Excellent

ASSISTANCE FOR COVERED FEEDLOTS

- USDA-NRCS provides financial and technical assistance for total waste containment facilities.
- Through the Environmental Quality Incentives Program (EQIP), NRCS can help livestock producers through the decision-making, application and financial assistance process.
- NRCS offers payment rates of \$205-\$287 per animal unit to convert an entire farmstead open feedlot to a confined roof system for beef or dairy operations.

CNMP REQUIRED

- If a producer finances through EQIP, a Comprehensive Nutrient Management Plan (CNMP) must be applied to their entire operation.
- CNMP is a plan that addresses the management and treatment necessary for the operator to protect soil and water resources on their farm.
- CNMP also addresses manure and wastewater handling and storage, nutrient management, land treatment practices, and feed management.

MORE INFORMATION

Your Local NRCS Office

www.ia.nrcs.usda.gov



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